

Submarine Glacial Landforms Record Late

Submarine glacial landforms record Late Pleistocene ice ...

1 Submarine glacial landforms record 2 Late Pleistocene ice-sheet dynamics, 3 Inner Hebrides, Scotland 4 Authors: 5 *Dayton Dove a - British Geological Survey, Murchison House, West Mains Road, Edinburgh, EH9 3LA, 6 UK; 44 (0)131-650-0355; dayt@bgsacuk 7 Riccardo Arosio b - Scottish Association for Marine Science, Scottish Marine Institute, Oban, PA37

The evolution of a submarine landform record following ...

The evolution of a submarine landform record following recent and multiple surges of Tunabreen glacier, Svalbard Sassenelva River during the late- and post-glacial period Changes in the sediment sources Ice margins and submarine landforms were tracked and digitized in

Submarine sediment and landform record of a palaeoice ...

Submarine sediment and landform record of a palaeo-ice stream within rine glacial landforms preserved in this area and their implications for understanding ice-stream dynamics and the wider palaeoglaciology of this important sector Late Pleistocene glacial sediment Glacial sediment and landform record offshore NW Scotland ...

Glacial sediment and landform record offshore NW Scotland: The submarine sediments and landforms described here are the product e of ic sheet growth and decay over the last glacial cycle (Marine Isotope Stage 2-3) as well as previous glaciations during the Mid to Late Pleistocene Description of fiord to shelf-slope landforms Submarine landforms and shallow acoustic stratigraphyof a ...

and Dowdeswell, 2009) Submarine landforms, produced by the action of these ice masses, contain a record of the past extent, flow directions and processes that took place at the ice-bed interface The basal boundary of glaciers and ice sheets is of considerable significance to our understanding of glaciological processes, but it is a Geological record of Ice Stream Collapse, Pine Island Bay ...

Geological record of Ice Stream Collapse, Pine Island Bay, West Antarctica JB, 2008a, Submarine glacial landforms and rates of ice-stream collapse: Geology, v 36, p 819-822 Submarine landforms characteristic of glacier surges in two Spitsbergen fjords Quaternary Science Reviews 27, 1583-1599 Dynamics of the Late Weichselian ice sheet on Svalbard ...

presence of submarine landforms linked to ice flow during the Late Weichselian glaciation On the shelf and in most outer-fiord locations the postglacial sedimentation is limited, often to only a few tens of centimetres (eg Elverhøi & Solheim 1983; Elverhøi 1984) and the glacial morphology is easily mapped Corrugation ridges in the Pine Island Bay glacier trough ...

Glacial landforms with dimensions smaller than the imaging capability of the first generation multibeam sonars will become a more frequent topic as high-resolution seafloor mapping technology advances In Pine Island Bay (PIB) glacial trough, West Antarctica, small regular ridges, only a few Quaternary Science Reviews - CCPO

sea-floor landforms of the fjordlands of Chile in terms of both modern processes and those relict features that record elements of the Patagonian Ice Cap The range of submarine landforms observed in the fjords of Chile is described and interpreted in the context of glacial, oceanographic

SUBMARINE EVIDENCE OF THE LATE WEICHSELIAN ... SUBMARINE EVIDENCE OF THE LATE WEICHSELIAN MAXIMUM 89 In this paper we try to interpret the submarine landforms as an indica-tor of glacial presence We base our research on ...

Trieste, (19+23(May, (2014)

Editors: Renata G Lucchi (OGS, Trieste) Colm O'Cofaigh (University of Durham) Michele Rebesco (OGS, Trieste) Carlo Barbante (CNR-IDPA Venice and University of Venice) Submarine landforms and the reconstruction of fast-fl owing ...

then outline the distribution of these submarine landforms along the continental margin and dis-cuss their implications for the Late Quaternary Eurasian Ice Sheet Submarine landforms and the reconstruction of fast-fl owing ice streams within a large Quaternary ice sheet: The 2500-km-long Norwegian-

high-resolution sea-floor morphology

systematically for the presence of submarine landforms linked to ice flow during the Late Weichselian glacia-tion On the shelf and in most outer fjord locations the postglacial sedimentation is limited, often to only a few tens of centimetres (eg Elverhøi & Solheim 1983; Elverhøi 1984), and the glacial morphology is easily mapped

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MIS 2 on Nordaustlandet, Svalbard ANNE HORMES, NAKI AKC AR AND PETER W KUBIK evidence from submarine glacial landforms suggested a revised MIS 2 ice-flow config-during the Late

Evidence for an ice shelf covering the central Arctic ...

Evidence for an ice shelf covering the central Arctic Ocean during the penultimate glaciation Martin Jakobsson1,2,3, Johan Nilsson2,4, potential effect on the global ocean d18O record measured in benthic foraminifera4,9,10 It was during this period specifically Multibeam bathymetry of submarine glacial landforms mapped during the

Amelia Endicott Shevenell

Amelia E Shevenell CV-2 BA Geological Sciences, Hamilton College, with honors (1996) Thesis: Record of Holocene climate change along the Antarctic Peninsula: Evidence from glacial marine sediments, Lallemand Fjord Advisor: EW Domack HONORS AND AWARDS AGU Outstanding Reviewer (2016) Chosen by AGU's Journal Editors for outstanding peer review (Geophysical ...

Glacigenic debris-flows observed in 3D seismic high ...

the British Ice Sheet during the last full-glacial period (Stoker & Varming 2011) (Stoker & Varming 2011) Typically elongate and sinuous lobe-like landforms are observed on seafloor imagery (Fig 1a), and form a stacked association of lobes in seismic-reflection profiles JS & Vorren, TO 1995 Late Weichselian submarine debris

Recessional moraines in nearshore waters, northern Scotland

Recessional moraines in nearshore waters, northern Scotland T BRADWELL 1,2* & M S STOKER1 1British Geological Survey, record the incremental retreat of the ice front grounding-line over time (De Atlas of Submarine Glacial Landforms: Modern, Quaternary and ...

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Glacial Landforms

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